Index

to Authors, key words in titles and to new taxa and new stratigraphical terms in Volume 119; (R) indicates Review

Africa (R), 427
Afu Younger Granite Complex, 39
Alabama (R), 222
Albite, 395
Alexander Island, 291
Algae, 309
Alkaline igneous rocks, 497
Alps, 301
Ammonoidea, 95
Analysis, Rb-Sr, 599
Andesites (R), 516
Andros Island (R), 102
Antarctica, 291; 553; (R), 427
Apatite, 487
Appin, 413
Arctic, 619
Arcticoceras harlandi sp.nov., 98
?*Arctitreta percostata* sp.nov., 341
Arctocephalitinae, 95
Arionthia sapa sp.nov., 347
Arndt, N. T. & Campbell, I. H. Pyroxene accumulation in spinifex-textured rocks, 605
Ashgill Series, 57
Ashworth, J. R., Turner, P. & Iskenderian, F. A. Authigenic albite in the Pendleside Formation (Dinantian) of northern England, 395
Australia, 229
Authigenic, 395
Basalt weathering, 553
Bassett, M. G., Owens, R. M., Fortey, R. A., Cope, J. C. W. & Rushton, A. W. A. Tremadoc faunas from the Carmarthen district, South Wales, 1
Bassett, M. G., Ross, R. J. Jr, Naeser, C. W., Izett, G. A., Obradovich, J. D., Hughes, C. P., Cocks, L. R. M., Dean, W. T., Ingham, J. K., Jenkins, C. J., Rickards, R. B., Sheldon, P. R., Toghill, P., Whittington, H. B. & Zalasiewicz, J. Fission-track dating of British Ordovician and Silurian stratotypes, 135
Bassin de Paris (R), 329
Basu, A., Gupta, A. & Ghosh, P. K. Ultramafic volcaniclastics of the Precambrian Dalma Volcanic Belt, Singhbhum, Eastern India, 505
Baulking, 487
Bellingham (R), 422
Benkhelil, J. Benue Trough and Benue Chain, 155
Benue Chain, 155
Benue Trough, 155
Berkshire, 487
Bibliography (R), 105

Biogeography (R), 423
Biostratigraphy, 269
Biotite, 487
Blacknell, C. Morphology and surface sedimentary features of point bars in Welsh gravel-bed rivers, 181
Borrowdale, 511
Bovids (R), 424
Brachiopods, 371
Bradshaw, M. J. & Penny, S. R. A cored Jurassic sequence from north Lincolnshire, England: stratigraphy, facies analysis and regional context, 113
British, 135
Brück, P. M., O'Connor, P. J., Hennessy, J. & Williams, C. T. Abundance and distribution of uranium and thorium in the northern units of the Leinster granite, Ireland, 581
Buccaneer Field (R), 325
Calcareous algae, 309
Caledonian, 169; 413
Caledonides, 599
Calymene quadrata, 57
Cambrian, 611
Cambridgeshire, 593
Campbell, I. H. & Arndt, N. T. Pyroxene accumulation in spinifex-textured rocks, 605
Cancrinelloides monticulus sp.nov., 344
Cape Flattery, 229
Carbonate marine-sands, 567
Carboniferous, 383
Cargneule, 301
Carmarthen, 1
Chalk (R), 102
Chapman, A. J., Rickards, R. B. & Crowther, P. R. Ultrastructural studies of graptolites – a review, 355
China, 433
Chlorite-mica stacks, 243
Chowdhury, A. N. Smectite, zeolite, biotite and apatite in the Corallian (Oxfordian) sediments of the Baulking area in Berkshire, England, 487
Clayton, C. J. & Holdaway, H. K. Preservation of shell microstructure in silicified brachiopods from the Upper Cretaceous Wilmington sands of Devon, 371
Clough, B. J., Wright, J. V. & Walker, G. P. L. Morphology and dimensions of the young comendite lavas of La Primavera volcano, Mexico, 477
CO_2, 215
Cocks, L. R. M., Ross, R. J. Jr, Naeser, C. W., Izett, G. A., Obradovich, J. D., Bassett, M. G., Hughes, C. P., Dean, W. T., Ingham, J. K., Jenkins, C. J., Rickards, R. B., Sheldon, P. R., Toghill, P., Whittington, H. B. & Zalasiewicz, J. Fission-track dating of British Ordovician and Silurian stratotypes, 135
Comendite lavas, 477
Comley, 611
Comparative Biology (R), 103
Computer Applications (R), 518
Coniston (R), 520

Cope, J. C. W., Owens, R. M., Fortey, R. A., Rushton, A. W. A. & Bassett, M. G. Tremadoc faunas from the Carmarthen district, South Wales, 1
Copper Mines (R), 520
Corallian, 487
Costacadoceras, gen.nov., 96; *bluethgeni* sp.nov., 97
Craig, J., Fitches, W. R. & Maltman, A. J. Chlorite-mica stocks in low-strain rocks from central Wales, 243
Cretaceous, 291; 371
Crowther, P. R., Rickards, R. B. & Chapman, A. J. Ultrastructural studies of graptolites – a review, 355
Cu, 319
Cumbria, 511
Dalma Volcanic Belt, 505
Dean, W. T., Ross, R. J. Jr, Naeser, C. W., Izett, G. A., Obradovich, J. D., Bassett, M. G., Hughes, C. P., Cocks, L. R. M., Ingham, J. K., Jenkins, C. J., Rickards, R. B., Sheldon, P. R., Toghill, P., Whittington, H. B. & Zalasiewicz, J. Fission-track dating of British Ordovician and Silurian stratotypes, 135
Devon, 371
Devonian, 383
Diamictites, 527
Dinantian, 395
Dolomite, 301
Donovan, S. K. & Paul, C. R. C. Lower Cambrian echinoderm plates from Comley, Shropshire, England, 611
Dorning, K. J. Ludlow stratigraphy at Ludlow, Shropshire, 615
Dyke swarm, 169
Earthquake (R), 423
Earth Sciences (R), 518
Earth's rotation (R), 219
Echinoderm plates, 611
Egypt, 319
Elasmata retusus gen. et sp.nov., 349
Electron microscopy (R), 637
Elliott, G. F. Calcareous algae and Middle Jurassic facies of southern England, 309
England, 113; 201; 309; 315; 383; 395; 487; 593; 611; (R), 221; Southwest, 567
Environmental effects (R), 325
Esbensen, K. H. & Thy, P. Origin of fine-grained granular rocks in layered intrusions, 405
Estuaries, 567
Evans, A. H., Green, C. P. & McGregor, D. F. M. Development of the Thames drainage system in Early and Middle Pleistocene times, 281
Evolutionary Process (R), 103
Exploring (R), 101
Fabiania, 257
Facies, Analysis, 113; Interpretation (R), 517; Jurassic, 309
Farnham, 315
Faversham (R), 519
Feldspathic quartzite, 413
Fisher, P. & Rolls, J. D. A thermokarst phenomenon on a terrace of the River Wey near Farnham, Surrey, England, 315

Fission-track ages, 213; dating, 135
Fitch, F. J., Kokelaar, B. P. & Hooker, P. J. A new K-Ar age from uppermost Tremadoc rocks of north Wales, 207
Fitches, W. R., Craig, J. & Maltman, A. J. Chlorite-mica stacks in low-strain rocks from central Wales, 243
Fluid Mechanics (R), 222
Fold Patterns, 433
Foraminifera, 201; 257; (R), 331; (R), 636
Fortey, R. A., Owens, R. M., Cope, J. C. W., Rushton, A. W. A. & Bassett, M. G. Tremadoc faunas from the Carmarthen district, South Wales, 1
Fossil Plant Biology (R), 329
Fossil Leaves, 291
Fossil Shelf Seas (R), 634
Fossil Vertebrates (R), 105; (R), 222
French, C. A. I. An analysis of the molluscs from an Ipswichian interglacial river channel deposit at Maxey, Cambridgeshire, England, 593
Garnets, 599
Gaudette, H. E., Talkington, R. W. & Mayewski, P. A. Geochemical and glacio-geomorphic implications of basalt weathering in the Queen Maud Mountains, Antarctica, 553
Geochemical, 553; prospecting, 319
Geochemistry, 39
Geodesy (R), 221
Geology, (R), 222; 422; Faversham (R), 519; Libya (R), 224; 428; Penrith (R), 514
Geomathematics (R), 634
GeoRef (R), 639
Ghosh, P. K., Gupta, A. & Basu, A. Ultramafic volcaniclastics of the Precambrian Dalma Volcanic Belt, Singhbhum, Eastern India, 505
Glacio-geomorphic, 553
Glen Coe, 169
Glen Creran, 169
Global Tectonic Settings (R), 638
Grampian Highlands, 169
Granite, 581
Granitic rocks, 39
Gran Paradiso, 301
Granular rocks, 405
Graphite deposit, 511
Graptolites, 355
Gravicalymene arcuata sp.nov., 62
Gravicalymene pontilis sp.nov., 61
Greece, 77; (R), 424
Green, C. P., McGregor, D. F. M. & Evans, A. H. Development of the Thames drainage system in Early and Middle Pleistocene times, 281
Guide GeoRef (R), 639
Gupta, A., Basu, A. & Ghosh, P. K. Ultramafic volcaniclastics of the Precambrian Dalma Volcanic Belt, Singhbhum, Eastern India, 505
Hamash area, 319
Hambrey, M. J. Late Precambrian diamictites of northeastern Svalbard, 527
Hampshire Basin, 463

Harland, W. B. Arctic Tectonics, 619
Heavy minerals, 463
Hecla Hoek, 269
Hennessy, J., O'Connor, P. J., Brück, P. M. & Williams, C. T. Abundance and distribution of uranium and thorium in the northern units of the Leinster granite, Ireland, 581
Holdaway, H. K. & Clayton, C. J. Preservation of shell microstructure in silicified brachiopods from the Upper Cretaceous Wilmington Sands of Devon, 371
Hooker, P. J., Kokelaar, B. P. & Fitch, F. J. A new K-Ar age from uppermost Tremadoc rocks of north Wales, 207
Hughes, C. P., Ross, R. J. Jr, Naeser, C. W., Izett, G. A., Obradovich, J. D., Bassett, M. G., Cocks, L. R. M., Dean, W. T., Ingham, J. K., Jenkins, C. J., Rickards, R. B., Sheldon, P. R., Toghill, P., Whittington, H. B. & Zalasiewicz, J. Fission-track dating of British Ordovician and Silurian stratotypes, 135
Hugh Miller (R), 521
Humicretes, 229
Hyaenids (R), 424
Ichthyosaurs (R), 225
Igneous Petrology (R), 428
Igneous rocks, 497
Imeokparia, E. G. Geochemistry and relationships to mineralization of granitic rocks from the Afu Younger Granite Complex, Central Nigeria, 39
India, 257; eastern, 505
Indirect dating, 599
Ingham, J. K., Ross, R. J. Jr, Naeser, C. W., Izett, G. A., Obradovich, J. D., Bassett, M. G., Hughes, C. P., Cocks, L. R. M., Dean, W. T., Jenkins, C. J., Rickards, R. B., Sheldon, P. R., Toghill, P., Whittington, H. B. & Zalasiewicz, J. Fission-track dating of British Ordovician and Silurian stratotypes, 135
Interference fold patterns, 433
Ipswichian interglacial, 593
Ireland, 581; (R), 328; 428
Iskenderian, F. A., Turner, P. & Ashworth, J. R. Authigenic albite in the Pendleside Formation (Dinantian) of northern England, 395
Island of Samos (R), 424
Izett, G. A., Ross, R. J. Jr, Naeser, C. W., Obradovich, J. D., Bassett, M. G., Hughes, C. P., Cocks, L. R. M., Dean, W. T., Ingham, J. K., Jenkins, C. J., Rickards, R. B., Sheldon, P. R., Toghill, P., Whittington, H. B. & Zalasiewicz, J. Fission-track dating of British Ordovician and Silurian stratotypes, 135
Jamaica, 193
Jefferson, T. H. The preservation of fossil leaves in Cretaceous volcaniclastic rocks from Alexander Island, Antarctica, 291
Jenkins, C. J., Ross, R. J. Jr, Naeser, C. W., Izett, G. A., Obradovich, J. D., Bassett, M. G., Hughes, C. P., Cocks, L. R. M., Dean, W. T., Ingham, J. K., Rickards, R. B., Sheldon, P. R., Toghill, P., Whittington, H. B. & Zalasiewicz, J. Fission-track dating of British Ordovician and Silurian stratotypes, 135
Jenkins, D. G. The age and palaeoecology of the St Erth Beds, southern England, based on planktonic foraminifera, 201
Jurassic, 95; 113; 309
K-Ar age, 207; 497
Kenya, 215

Knoll, A. H. Microfossil-based biostratigraphy of the Precambrian Hecla Hoek sequence, Nordaustlandet, Svalbard, 269
Kokelaar, B. P., Fitch, F. J. & Hooker, P. J. A new K-Ar age from uppermost Tremadoc rocks of north Wales, 207
Kola Peninsula (R), 331
Komukia solita gen. et sp.nov., 343
Kong Karls Land, 95
Kotopouli, C. N., Pe-Piper, G., Panagos, A. G. & Piper, D. J. W. The (?) mid Triassic volcanic rocks of Lakonia, Greece, 77
Landforms (R), 426
La Primavera volcano, 477
Lavas, 477
Lawson, J. D. Ludlow stratigraphy at Ludlow, Shropshire, 617
Layered intrusions, 405
Leinster granite, 581
Libya (R), 224
Lincolnshire, England, 113
Lippard, S. J. & Rex, D. C. K-Ar ages of alkaline igneous rocks in the northern Oman mountains, NE Arabia, and their relations to rifting, passive margin development and destruction of the Oman Tethys, 497
Lithostratigraphic (R), 101
Liu, R., Suo, S. & Ma, X. Interference fold patterns of the early Precambrian Rock Groups in the Songshan area, China, 433
Longonot volcano, 215
Ludlow, 615
Magma, 215
Magmatiques (R), 102
Maltman, A. J., Craig, J. & Fitches, W. R. Chlorite-mica stacks in low-strain rocks from Central Wales, 243
Man (R), 224
Marine sands, 567
Ma, X., Suo, S. & Liu, R. Interference fold patterns of the early Precambrian Rock Groups in the Songshan area, China, 433
Mayewski, P. A., Talkington, R.W. & Gaudette, H. E. Geochemical and glacio-geomorphic implications of basalt weathering in the Queen Maud Mountains, Antarctica, 553
Merefield, J. R. Modern carbonate marine-sands in estuaries of southwest England, 567
Mesozoic, 67
Metamorphiques (R), 102
Mexico, 477
Microanalysis (R), 637
Microfossils (R), 634
Microtextures (R), 102
Middle East (R), 427
Mineral Deposits (R), 638
Mineralization, 39
Mineral Names (R), 421
Mineralogy (R), 513
Minor intrusions, 413
Miocene, 193

Modern, 587
Molluscs, 593
Morton, A. C. Heavy minerals of Hampshire Basin Palaeogene strata, 463
Mountains (R), 224
McDougall, I. & Ollier, C. D. Potassium-argon ages from Tristan da Cunha, South Atlantic, 87
McGregor, D. F. M., Green, C. P. & Evans, A. H. Development of the Thames drainage system in Early and Middle Pleistocene times, 281
Naeser, C. W., Ross, R. J. Jr, Izett, G. A., Obradovich, J. D., Bassett, M. G., Hughes, C. P., Cocks, L. R. M., Dean, W. T., Ingham, J. K., Jenkins, C. J., Rickards, R. B., Sheldon, P. R., Toghill, P., Whittington, H. B. & Zalasiewicz, J. Fission-track dating of British Ordovician and Silurian stratotypes, 135
Naeser, C. W., Toghill, P. & Ross, R. J. Jr. Fission-track ages from the Precambrian of Shropshire, 213
Nannofossiles (R), 329
NE Arabia, 497
Nigeria, 39
Nordaustlandet, 269
Norfolk (R), 105
North Wales, 57
Nuclear Waste (R), 327
Obradovich, J. D., Ross, R. J. Jr, Naeser, C. W., Izett, G. A., Bassett, M. G., Hughes, C. P., Cocks, L. R. M., Dean, W. T., Ingham, J. K., Jenkins, C. J., Rickards, R. B., Sheldon, P. R., Toghill, P., Whittington, H. B. & Zalasiewicz, J. Fission-track dating of British Ordovician and Silurian stratotypes, 135
Oceanic oozes (R), 102
O'Connor, P. J., Hennessy, J., Brück, P. M. & Williams, C. T. Abundance and distribution of uranium and thorium in the northern units of the Leinster granite, Ireland, 581
Offshore Oil (R), 325
Ollier, C. D. & McDougall, I. Potassium-argon ages from Tristan da Cunha, South Atlantic, 87
Oman, 67; mountains, 497
Ophiolite, 67
Ordovician stratotypes, 135
Owens, R. M., Fortey, R. A., Cope, J. C. W., Rushton, A. W. A. & Bassett, M. G. Tremadoc faunas from the Carmarthen district, South Wales, 1
Oxfordian, 487
Palaeoecology, 201
Palaeogene, 463
Palaeozoic (R), 427
Paleobotany (R), 329
Paleozoic (R), 519
Panagos, A. G., Pe-Piper, G., Piper, D. J. W. & Kotopouli, C. N. The (?) mid Triassic volcanic rocks of Lakonia, Greece, 77
Parnell, J. Genesis of the graphite deposit at Seathwaite in Borrowdale, Cumbria, 511
Partial melting, 413
Passive margin, 497
Paul, C. R. C. & Donovan, S. K. Lower Cambrian echinoderm plates from Comley, Shropshire, England, 611

Pendleside Formation, 395
Penney, S. R. & Bradshaw, M. J. A cored Jurassic sequence from north Lincolnshire, England: stratigraphy facies analysis and regional context, 113
Penrith (R), 514
Pe-Piper, G., Panagos, A. G., Piper, D. J. W. & Kotopouli, C. N. The (?) mid Triassic volcanic rocks of Lakonia, Greece, 77
Peralkaline magma, 215
Permian, 337
Petroleum Geology (R), 633
Petrology (R), 429
Phanerozoic (R), 325
Phylogenetic Patterns (R), 103
Piper, D. J. W., Pe-Piper, G., Panagos, A. G. & Kotopouli, C. N. The (?) mid Triassic volcanic rocks of Lakonia, Greece, 77
Planktonic Foraminifera (R), 636
Plate Tectonics (R), 516; 637
Platten, I. M. A late Caledonian breccia dyke swarm in Glen Creran, near Glen Coe in the Grampian Highlands, 169
Platten, I. M. Partial melting of feldspathic quartzite around late Caledonian minor intrusions in Appin, Scotland, 413
Pleistocene, 281; (R), 105; (R), 331
Pleistocene Foraminifera (R), 636
Point bars, 181
Potassium-argon ages, 87
Precambrian, 213; 269; 433; 505; 527
Preservation, 291; 371
Price, D. *Calymene quadrata* King, 1923 and allied species of trilobites from the Ashgill Series of North Wales, 57
Production, offshore oil (R), 325
Pye, K. Characteristics and significance of some humate-cemented sands (humicretes) at Cape Flattery, Queensland, Australia, 229
Pyroxene, 605
Queen Maud Mountains, 553
Rawson, P. F. New Arctocephalitinae (Ammonoidea) from the Middle Jurassic of Kong Karls Land, Svalbard, 95
Rb-Sr, 599
Recent Foraminifera (R), 636
Recent Shelf Seas (R), 634
Remote Sensing (R), 425; 515
Rex, D. C. & Lippard, S. J. K-Ar ages of alkaline igneous rocks in the northern Oman mountains, NE Arabia, and their relations to rifting, passive margin development and destruction of the Oman Tethys, 497
Reymer, A. P. S. Indirect dating of tectonic events by Rb-Sr analysis of syntectonic garnets: an example from schists of the Seve Nappe, Central Scandinavian Caledonides, 599
Rhynchopora culta sp. nov., 345
Rickards, R. B., Crowther, P. R. & Chapman, A. J. Ultrastructural studies of graptolites – a review, 355
Rickards, R. B., Ross, R. J. Jr, Naeser, C. W., Izett, G. A., Obradovich, J. D., Bassett, M. G., Hughes, C. P., Cocks, L. R. M., Dean, W. T., Ingham, J. K., Jenkins, C. J.,

Sheldon, P. R., Toghill, P., Whittington, H. B. & Zalasiewicz, J. Fission-track dating of British Ordovician and Silurian stratotypes, 135
Rifting, 497
River channel deposit, 593
Rivers, gravel-bed, 181
River Wey, 315
Robertson, A. H. F. & Woodcock, N. H. Stratigraphy of the Mesozoic rocks above the Semail ophiolite, Oman, 67
Rocks, 243; 605
Rolls, J. D. & Fisher, P. A thermokarst phenomenon on a terrace of the River Wey near Farnham, Surrey, England, 315
Ross, R. J. Jr, Naeser, C. W., Izett, G. A., Obradovich, J. D., Bassett, M. G., Hughes, C. P., Cocks, L. R. M., Dean, W. T., Ingham, J. K., Jenkins, C. J., Rickards, R. B., Sheldon, P. R., Toghill, P., Whittington, H. B. & Zalasiewicz, J. Fission-track dating of British Ordovician and Silurian stratotypes, 135
Ross, R. J. Jr, Naeser, C. W. & Toghill, P. Fission-track ages from the Precambrian of Shropshire, 213
Royal Society of Edinburgh (R), 513
Rushton, A. W. A., Owens, R. M., Fortey, R. A., Cope, J. C. W. & Bassett, M. G. Tremadoc faunas from the Carmarthen district, South Wales, 1
Salt (R), 519
Samanta Bimal K. *Fabiania* Silvestri (Foraminiferida) from India, with notes on its global distribution, 257
Sands, 229
Scandinavian Caledonides, 599
Scanning Electron Microscopy (R), 637
Schistes Carton (R), 329
Schists, 599
Schwankungen der Grindelwaldgletscher (R), 104
Scotland, 413
Scott, S. C. Evidence from Longonot volcano, Central Kenya, lending further support to the argument for a coexisting CO_2-rich vapour in peralkaline magma, 215
Seathwaite, 511
Sedimentary Basins (R), 101
Sediments, 487
Seismic, waves and sources (R), 426
Seismology (R), 423
Selwood, E. B., Stewart, I. J., Turner, P. J. & Whiteley, M. J. The Devonian-Carboniferous transition and its structural setting at Chillaton, West Devon, England, 383
Seve Nappe, 599
Sheldon, P. R., Ross, R. J. Jr, Naeser, C. W., Izett, G. A., Obradovich, J. D., Bassett, M. G., Hughes, C. P., Cocks, L. R. M., Dean, W. T., Ingham, J. K., Jenkins, C. J., Rickards, R. B., Toghill, P., Whittington, H. B. & Zalasiewicz, J. Fission-track dating of British Ordovician and Silurian stratotypes, 135
Shelf Seas (R), 634
Shell microstructure, 371
Shropshire, 213; 611; 615
Silurian stratotypes, 135
Singhbhum, 505

Smectite, 487
Soils (R), 426
Soliman, M. M. Geochemical prospecting for Cu in Hamash area, Southeastern Desert, Egypt, 319
Songshan, 433
South Atlantic, 87
South Wales, 1
Soviet (R), 515
Spindle Stage (R), 325
Spinifex-textured, 605
Statistics (R), 224
St Erth Beds, 201
Stewart, I. J., Selwood, E. B., Turner, P. J. & Whiteley, M. J. The Devonian-Carboniferous transition and its structural setting at Chillaton, West Devon, England, 383
Stratigraphical Record (R), 522
Stratigraphic Record (R), 517
Stratigraphy, Ludlow, 615; Lincolnshire, 113; Oman, 67; (R), 331
Stromatolites (R), 325
Submarine volcano, 193
Suffolk (R), 105
Suo, S., Liu, R. & Ma, X. Interference fold patterns of the early Precambrian Rock Groups in the Songshan area, China, 433
Svalbard, 95; 269; 527
Syntectonic, 599
Talkington, R. W., Mayewski, P. A. & Gaudette, H. E. Geochemical and glacio-geomorphic implications of basalt weathering in the Queen Maud Mountains, Antarctica, 553
Tectonic events, 599
Tectonics, 619
Tectonic Settings (R), 638
Tees (R), 221
Terrain Analysis (R), 425
Tethys, 497
Thailand, 337
Thames drainage system, 281
Thermokarst phenomenon, 315
Thesaurus GeoRef (R), 639
Thorium, 581
Thy, P. & Esbensen, K. H. Origin of fine-grained granular rocks in layered intrusions, 405
Toarcien (R), 329
Toghill, P., Naeser, C. W. & Ross, R. J. Jr. Fission-track ages from the Precambrian of Shropshire, 213
Toghill, P., Ross, R. J. Jr, Naeser, C. W., Izett, G. A., Obradovich, J. D., Bassett, M. G., Hughes, C. P., Cocks, L. R. M., Dean, W. T., Ingham, J. K., Jenkins, C. J., Rickards, R. B., Sheldon, P. R., Whittington, H. B. & Zalasiewicz, J. Fission-track dating of British Ordovician and Silurian stratotypes, 135
Tremadoc, North Wales, 207; South Wales, 1
Triassic, 77; 301
Trilobites, 57
Tristan da Cunha, 87

Turner, P., Ashworth, J. R. & Iskenderian, F. A. Authigenic albite in the Pendleside Formation (Dinantian) of northern England, 395
Turner, P. J., Selwood, E. B., Stewart, I. J. & Whiteley, M. J. The Devonian-Carboniferous transition and its structural setting at Chillaton, West Devon, England, 383
Turolian Fauna (R), 424
Ultramafic volcaniclastics, 505
Ultrastructural studies, 355
Uranium, 581
Vearncombe, J. R. The tectonic significance of Triassic dolomite and cargneule in the Gran Paradiso region, Western Alps, 301
Vertebrates (R), 222
Volcanic, 77
Volcaniclastic rocks, 291
Volcaniclastics, 505
Volcano, submarine, 193
Wadge, G. A Miocene submarine volcano at Low Layton, Jamaica, 193
Wales, 207; 243
Walker, G. P. L., Clough, B. J. & Wright, J. V. Morphology and dimensions of the young comendite lavas of La Primavera volcano, Mexico, 477
Wallace's line (R), 637
Wash (R), 221
Water (R), 222
Waterhouse, J. B. An early Permian cool-water fauna from pebbly mudstones in south Thailand, 337
Welsh gravel-bed rivers, 181
West Devon, 383
Whiteley, M. J., Selwood, E. B., Stewart, I. J. & Turner, P. J. The Devonian-Carboniferous transition and its structural setting at Chillaton, West Devon, England, 383
Whittington, H. B., Ross, R. J. Jr, Naeser, C. W., Izett, G. A., Obradovich, J. D., Bassett, M. G., Hughes, C. P., Cocks, L. R. M., Dean, W. T., Ingham, J. K., Jenkins, C. J., Rickards, R. B., Sheldon, P. R., Toghill, P. & Zalasiewicz, J. Fission-track dating of British Ordovician and Silurian stratotypes, 135
Williams, C. T., O'Connor, P. J., Hennessy, J. & Brück, P. M. Abundance and distribution of uranium and thorium in the northern units of the Leinster granite, Ireland, 581
Wilmington Sands, 371
Woodcock, N. H. & Robertson, A. H. F. Stratigraphy of the Mesozoic rocks above the Semail ophiolite, Oman, 67
Wright, J. V., Clough, B. J. & Walker, G. P. L. Morphology and dimensions of the young comendite lavas of La Primavera volcano, Mexico, 477
X-Ray Analysis (R), 421
X-Ray Microanalysis (R), 637
Zalasiewicz, J., Ross, R. J. Jr, Naeser, C. W., Izett, G. A., Obradovich, J. D., Bassett, M. G., Hughes, C. P., Cocks, L. R. M., Dean, W. T., Ingham, J. K., Jenkins, C. J., Rickards, R. B., Sheldon, P. R., Toghill, P. & Whittington, H. B. Fission-track dating of British Ordovician and Silurian stratotypes, 135
Zeolite, 487